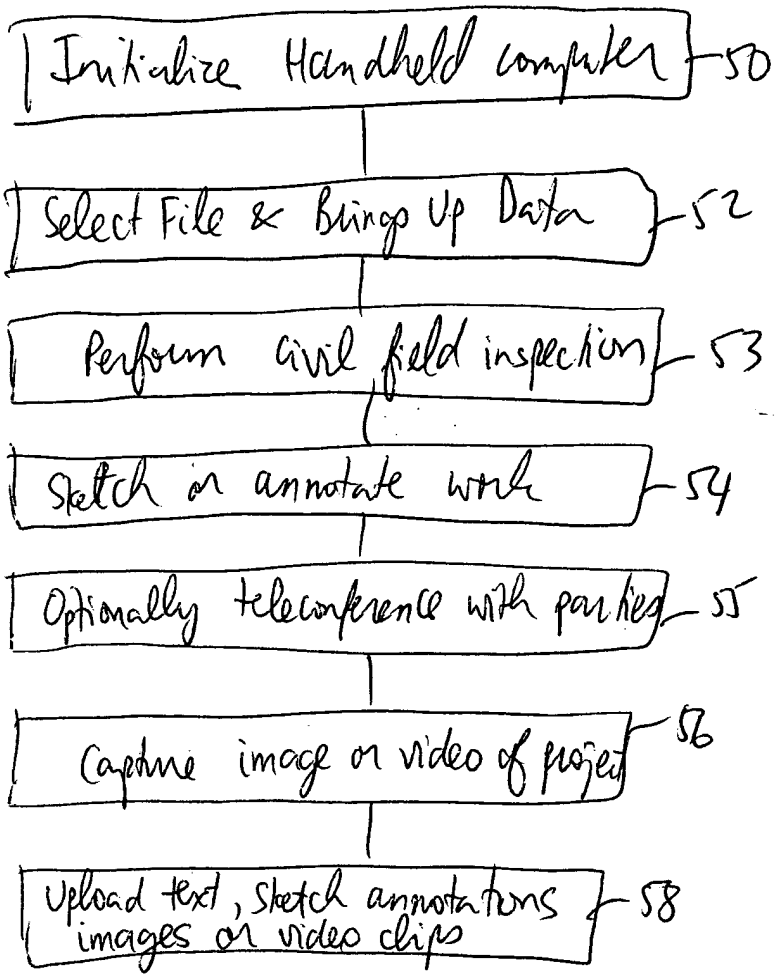

Initialize Handheld computer
50
Select File & Bring Up Data
52
Perform civil field inspection
53
Sketch or annotate work
54
Optionally teleconference with parties
55
Capture image or video of project
56
Upload text, sketch annotations images or video clips
58

Fig. 1A

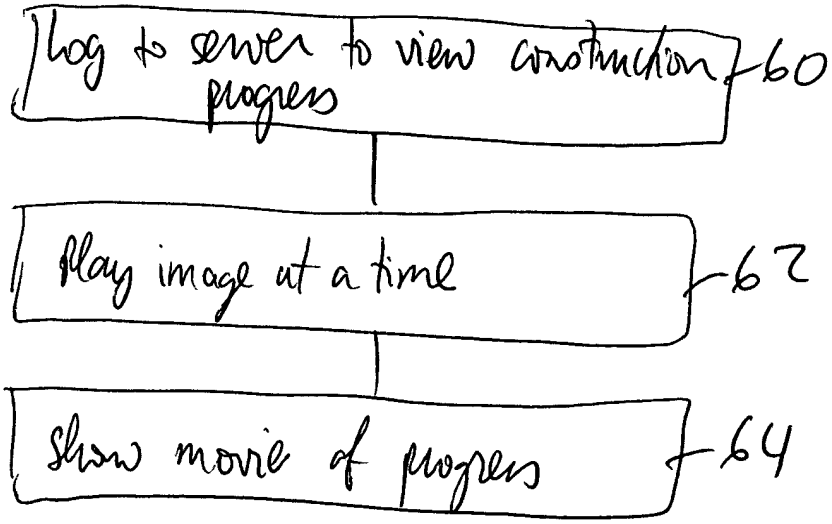


FIG. 1B

Docket #: 95-4004

TOSOBT 9T9ZL66D

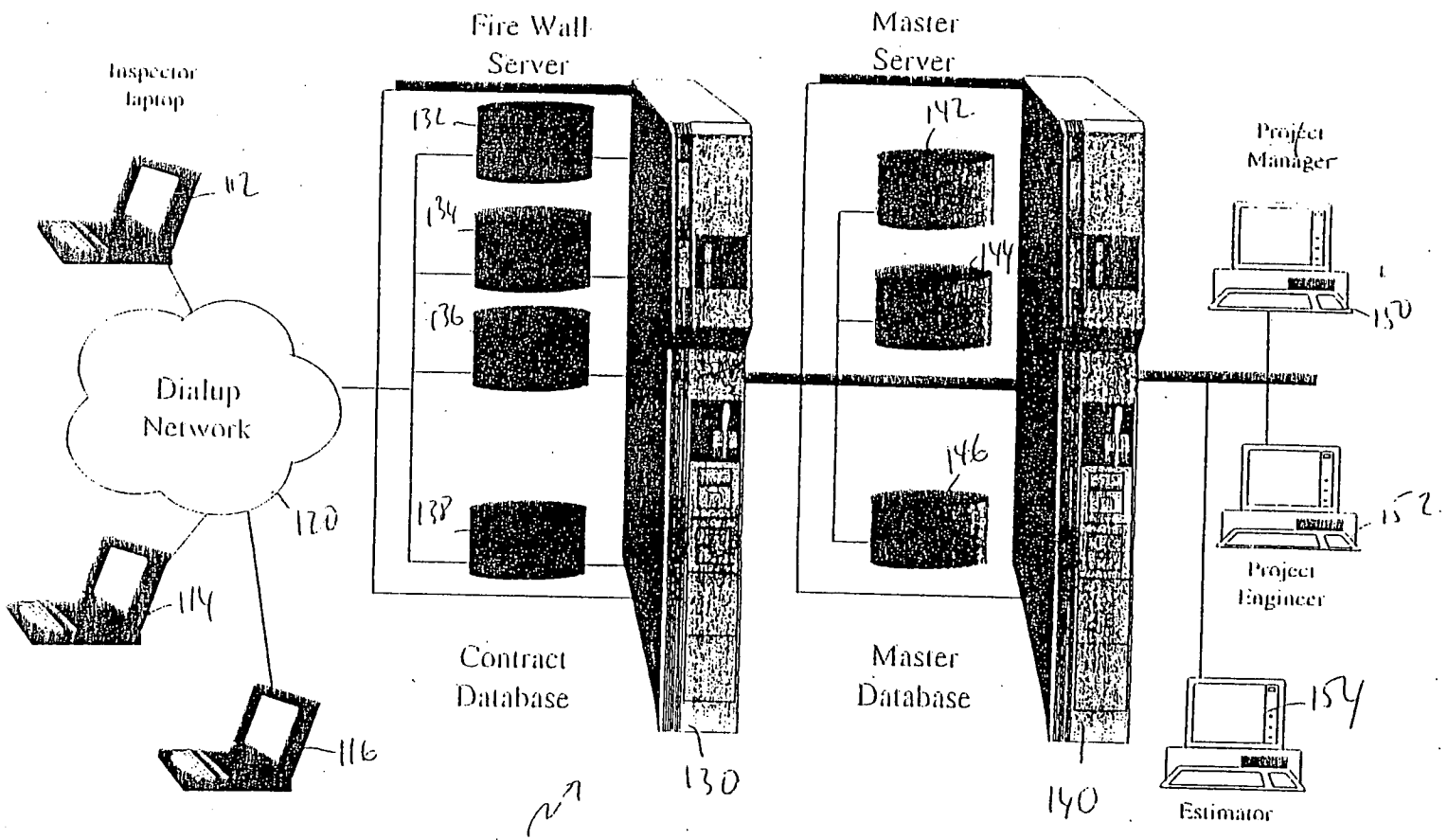


Fig 2

TOSOOT "9T9ZZ60D

160

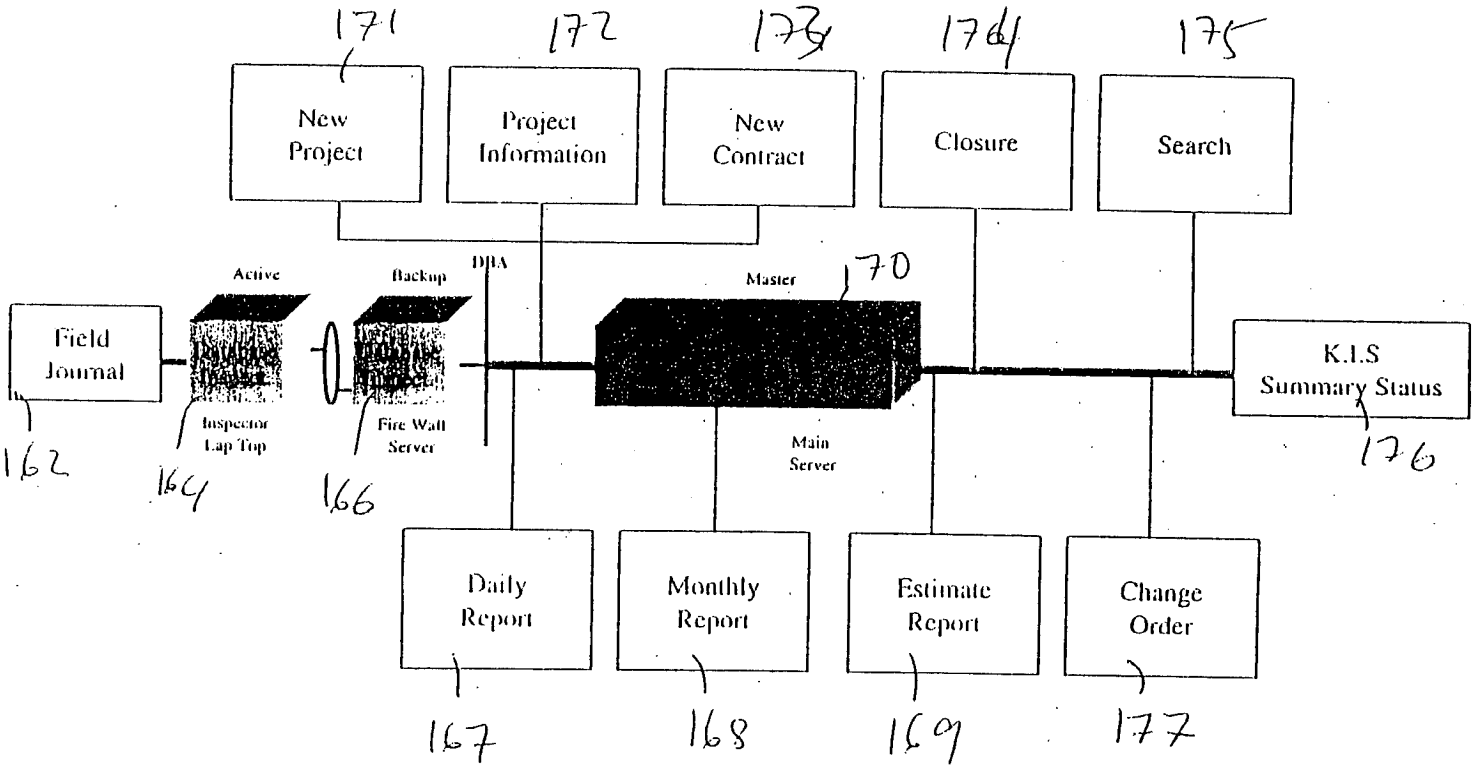


Fig 3

T06007 9T9E260

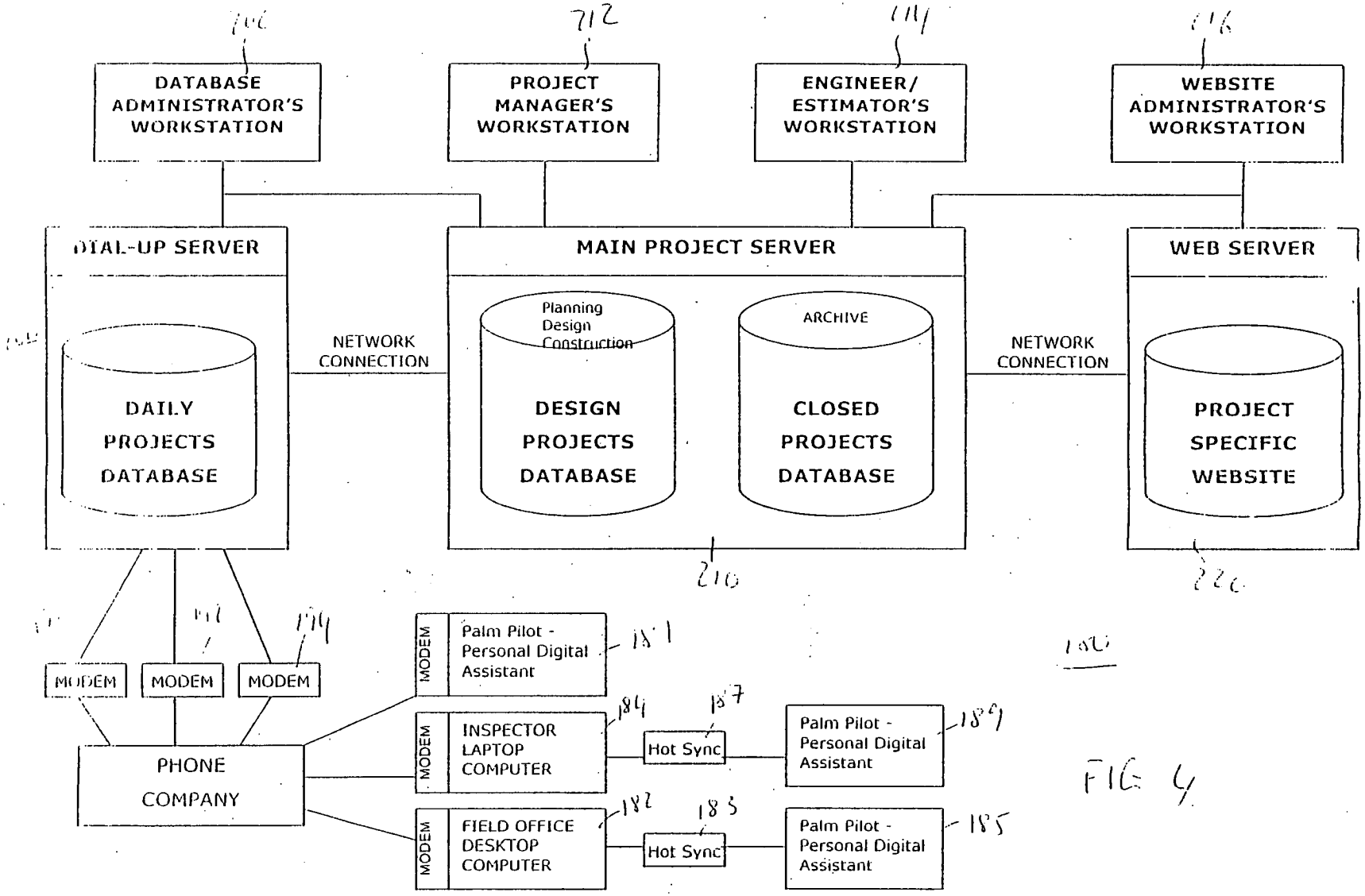


FIG 4

T0600T "9T92660

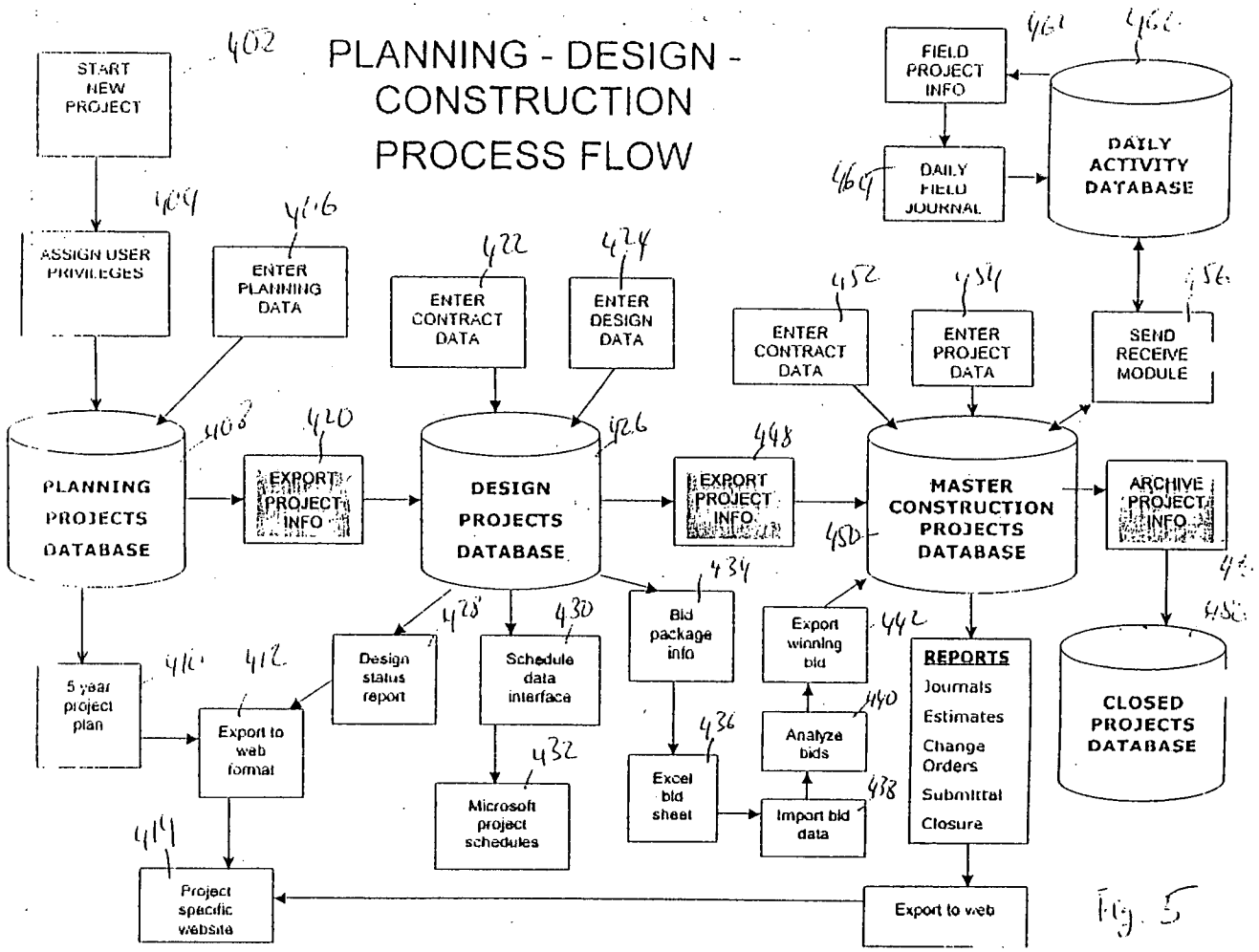
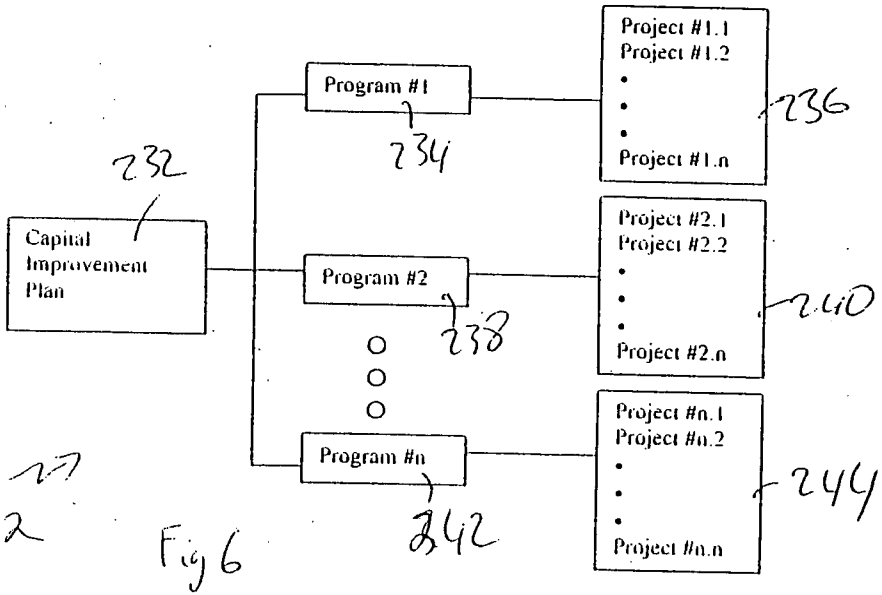


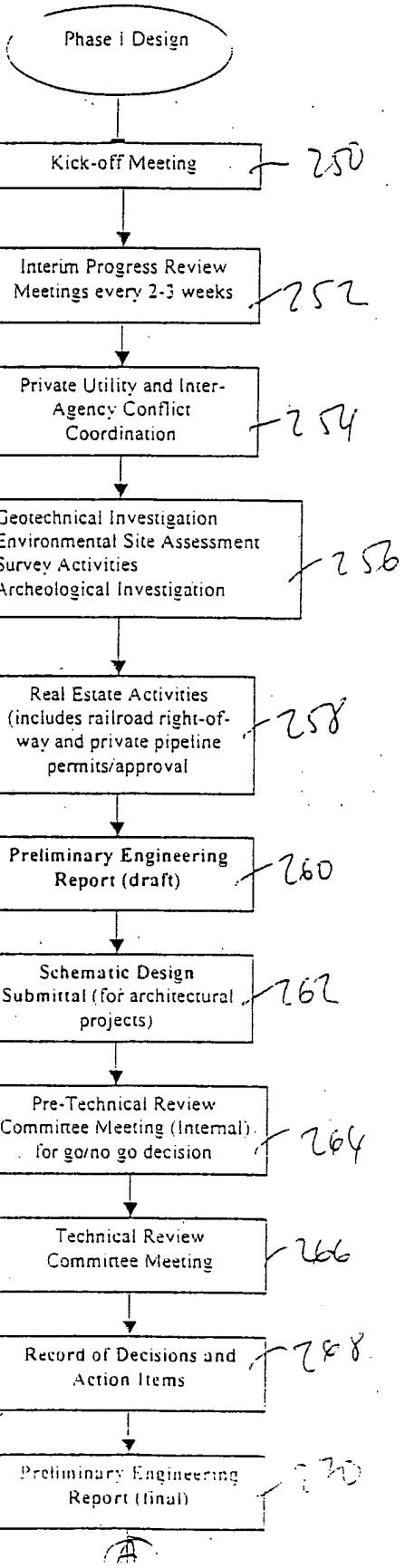
Fig. 5

T06007 9T92660



100 → 102

Fig 6


Phase I Design
Kick-off Meeting
250
Interim Progress Review Meetings every 2-3 weeks
252
Private Utility and Inter-Agency Conflict Coordination
254
- Geotechnical Investigation
- Environmental Site Assessment
- Survey Activities
- Archeological Investigation
256
Real Estate Activities (includes railroad right-of-way and private pipeline permits/approval
258
Preliminary Engineering Report (draft)
260
Schematic Design Submittal (for architectural projects)
262
Pre-Technical Review Committee Meeting (Internal) for go/no go decision
264
Technical Review Committee Meeting
266
Record of Decisions and Action Items
268
Preliminary Engineering Report (final)
270
A

104A

F~~5~~A

F7A

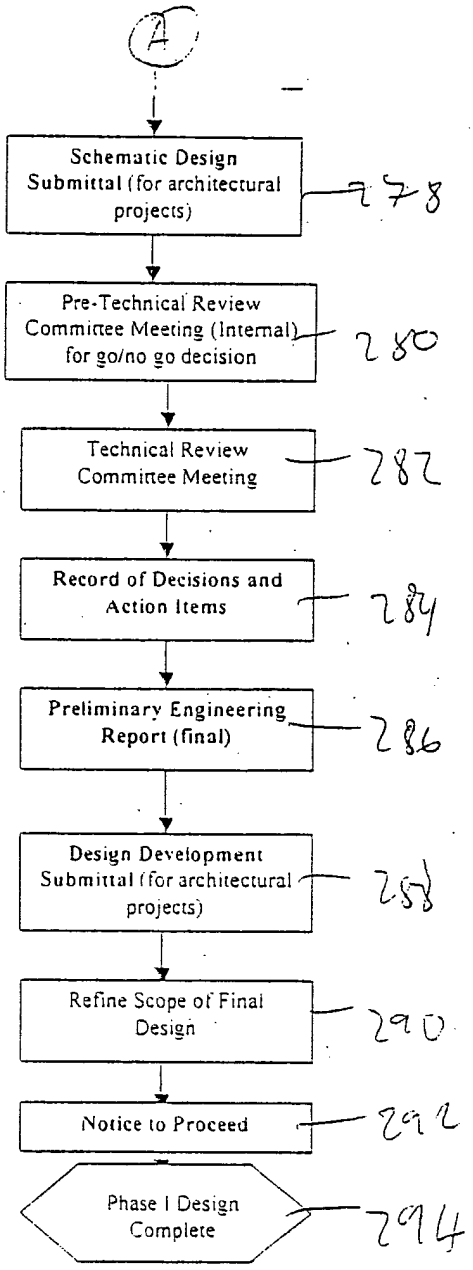

A
Schematic Design Submittal (for architectural projects)
278
Pre-Technical Review Committee Meeting (Internal) for go/no go decision
280
Technical Review Committee Meeting
282
Record of Decisions and Action Items
284
Preliminary Engineering Report (final)
286
Design Development Submittal (for architectural projects)
288
Refine Scope of Final Design
290
Notice to Proceed
292
Phase I Design Complete
294

FIG. 7B

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104B

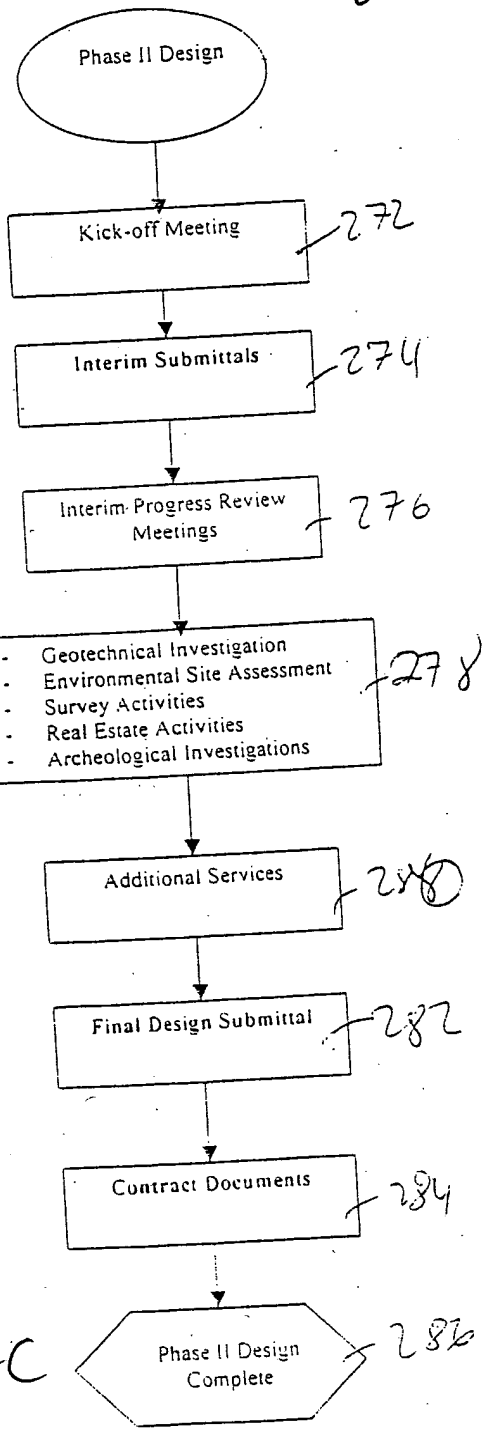

Fig 7C

TOCOOT 9T9E260

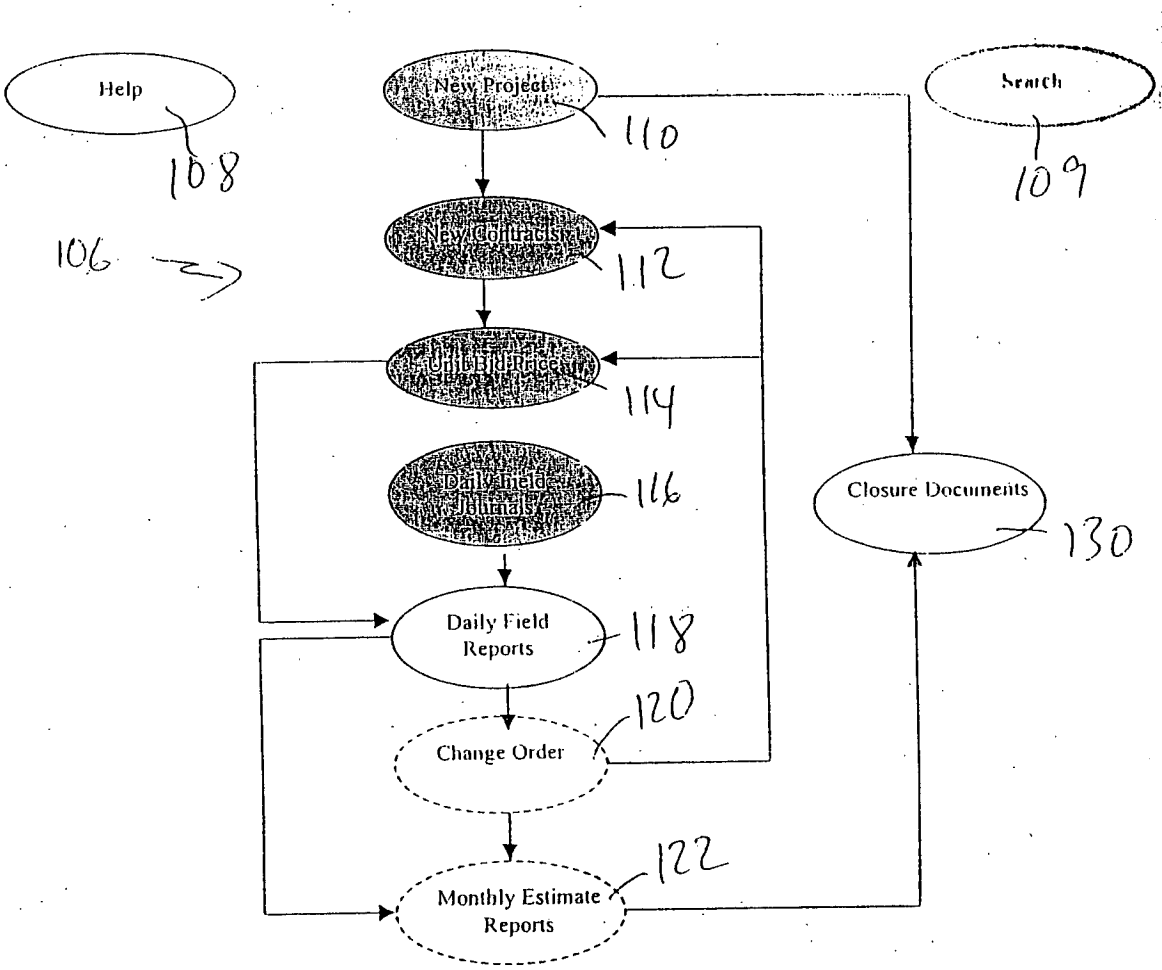

Fig 8

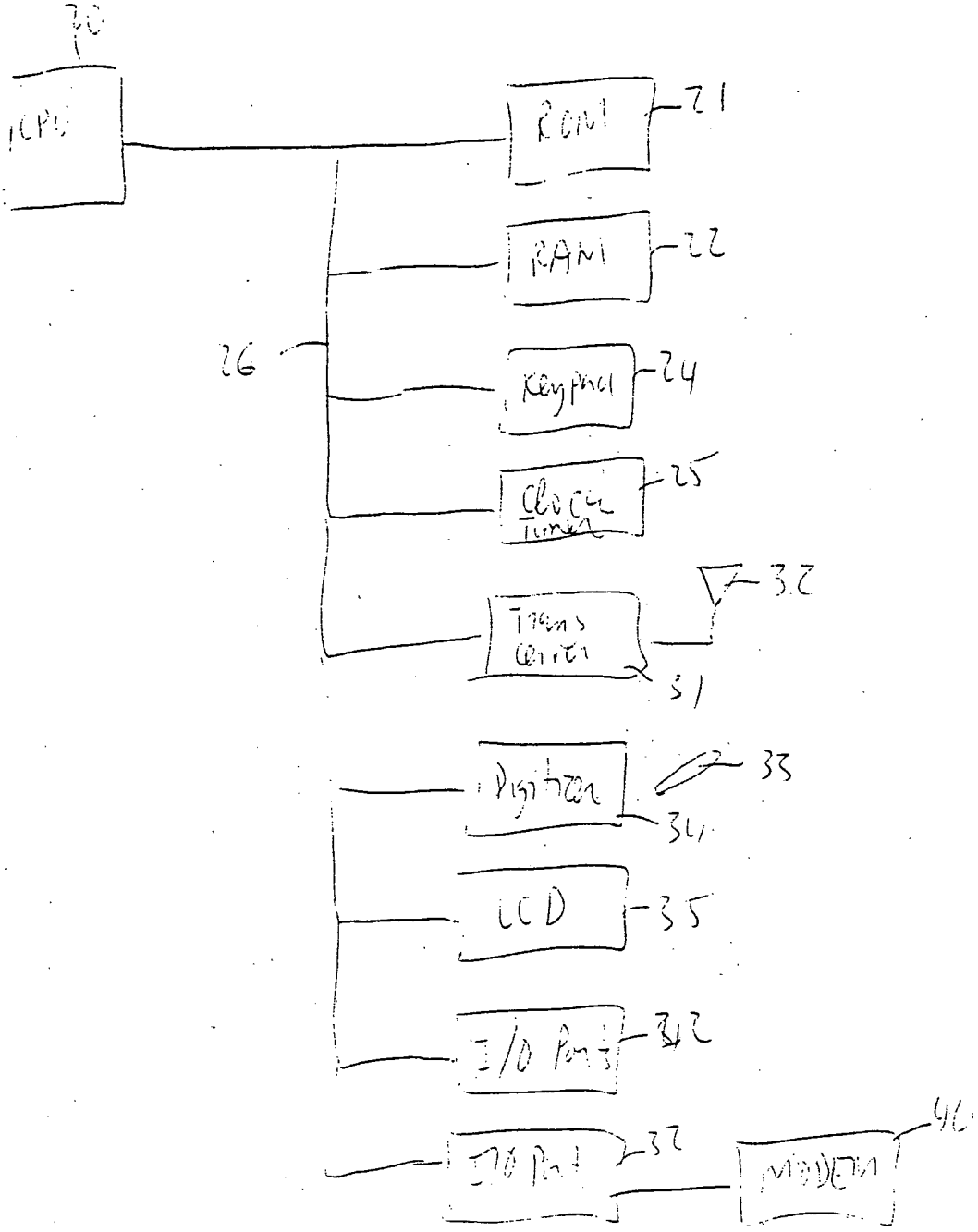
20
CPU
RAM
21
RAM
22
26
Keypad
24
Clock Timer
25
Trans Cntrl
32
31
Digitizer
33
34
LCD
35
I/O Ports
42
I/O Port
37
Modem
46

FIG 9

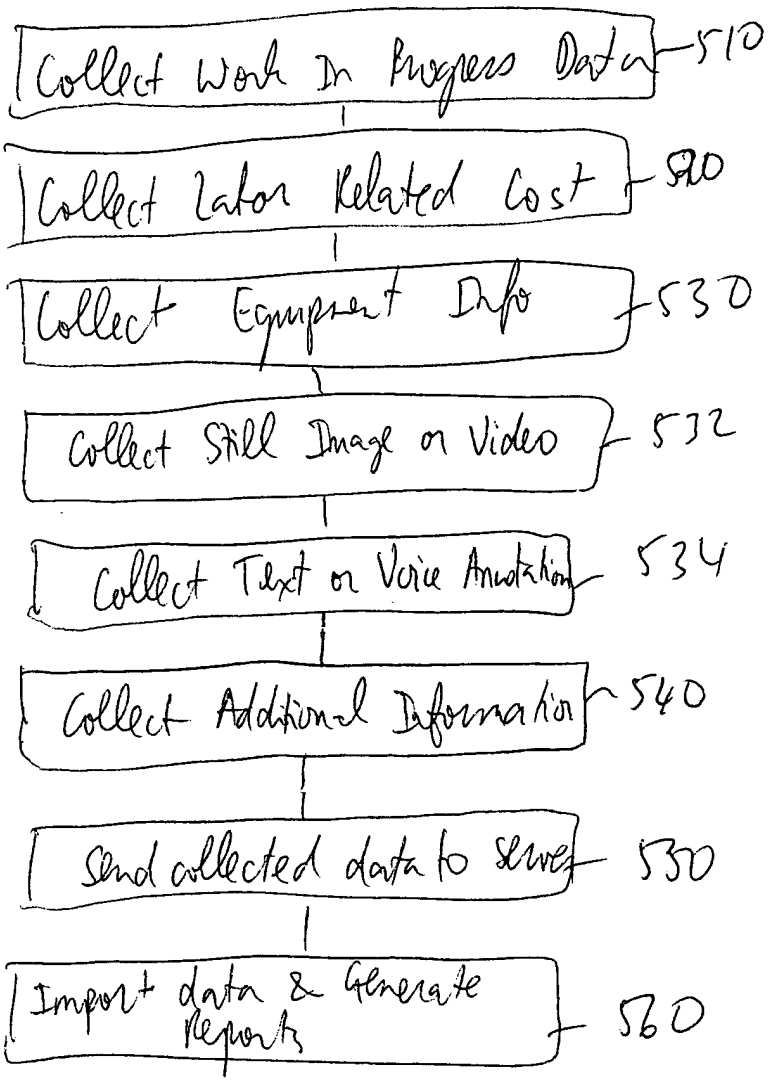
Collect Work In Progress Data
510
Collect Labor Related Cost
520
Collect Equipment Info
530
Collect Still Image or Video
532
Collect Text or Voice Annotation
534
Collect Additional Information
540
Send collected data to server
550
Import data & Generate Reports
560

FIG. 10